



सत्यमेव जयते

Guidelines in Brief

Centrally Sponsored Scheme on Blue Revolution: Integrated Development and Management of Fisheries

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Ministry of Agriculture and Farmers Welfare, Government of India
Krishi Bhavan, New Delhi - 110 001
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Blue Revolution – Neel Kranti Mission

Blue Revolution, the **Neel Kranti Mission**, has the vision to achieve economic prosperity of the country, the fishers and fish farmers as well as contribute towards food and nutritional security through utilization of full potential of water resources for fisheries development in a sustainable manner, keeping in view bio-security and environmental concerns. The “**Neel Kranti Mission 2016**” (NKM 16), being the year in which it was envisioned by the Hon'ble Prime Minister, will have a multi-dimensional approach to all activities concerned with development of the fisheries sector as modern world-class industry in India. It will focus on tapping the full production potential and enhance productivity substantially from aquaculture and fisheries resources, both inland and marine. The key goal would be to substantially increasing the share of Indian fisheries in the export market. It will ensure doubling the income of fishers and fish farmers with inclusive participation of the socio-economically weaker sections and ensure sustainability with environment and bio-security.

Vision

“Creating an enabling environment for integrated development of the full potential of fisheries of the country, along with substantial improvement in the income status of fishers and fish farmers keeping in view the sustainability, bio-security and environmental concerns.”

Mission

- (i) Formulation of a Neel Kranti Mission Plan (Blue Revolution Mission Plan) for tapping the full potential of the inland and marine culture fisheries of the country by developing it as a professional, modern and world-class industry.
- (ii) Ensure doubling of income of fishers and fish farmers of the country.
- (iii) Ensure sustainability, bio-security and address environmental concerns for enabling sustainability of the fishing industry.

Objectives

- (i) To fully tap the total fish potential of the country both in the inland and the marine sector and triple the production by 2020
- (ii) To transform the fisheries sector as a modern industry with special focus on new technologies and processes
- (iii) To double the income of the fishers and fish farmers with special focus on increasing productivity and better marketing postharvest infrastructure including e-commerce and other technologies and global best innovations
- (iv) To ensure inclusive participation of the fishers and fish farmers in the income enhancement
- (v) To triple the export earnings by 2020 with focus on benefits flow to the fishers and fish farmers including through institutional mechanisms in the cooperative, producer companies and other structures
- (vi) To enhance food and nutritional security of the country.

Centrally Sponsored Scheme on Blue Revolution Pattern of Financial Assistance

(I) Beneficiary Oriented Projects Funded by DADF, Govt. of India

(A) Approved Project Cost Share			
Category	Govt. Assistance	Beneficiaries Share	Total
General Category	40%	60%	100%
SC/ ST/ Women & their Cooperatives	60%	40%	100%

(B) Central & State Share of Govt. Assistance			
Region	Central Share	State Share	Total
Other States	60%	40%	100%
North East & Hilly States	90%	10%	100%
Union Territories	100%	0 %	100%

(C) Project Cost Sharing Percentage				
Region & Category of Beneficiaries	Govt. of India Share	State Govt. Share	Beneficiary Share	Total
Other States				
General Category	24%	16%	60%	100%
SC / ST / Women & their Cooperatives	36%	24%	40%	100%
North East & Hilly States				
General Category	36%	4%	60%	100%
SC / ST / Women & their Cooperatives	54%	6%	40%	100%
Union Territories				
General Category	40%	0%	60%	100%
SC / ST / Women & their Cooperatives	60%	0%	40%	100%

(II) Projects Implemented through NFDB by States/ Union Territories and Their Agencies/ Organizations/ Federations/ Cooperatives/ Institutes

Central & State Share			
Region	Central/ NFDB Assistance	State / UT Share	Total
Other States	50%	50%	100%
North East & Hilly States	80%	20%	100%
Union Territories/ Govt. of India Organizations/ Institutes	100%	0%	100%

Note: To ensure uniform funding pattern for Private Entrepreneurs and Individual Beneficiaries, conditions as given in Tables (I) A, B and C shall apply.

Sch. No.	Activities / Schemes and Components	Unit Cost (Actual Cost or Up To)
I. Development of Marine Fisheries, Infrastructure and Post-Harvest Operations		
1. Development of Marine Fisheries		
1.1	Motorization of Traditional Craft (including Fishing Gear and Propeller)	Rs. 1.20 Lakh/ Craft
1.2	Safety of Fishermen at Sea	Rs. 2.00 Lakh/ Kit
1.3	Assistance to Traditional/ Artisanal Fishermen for: (a) FRP Boats up to 10 m OAL (b) Insulated Fish & Ice Holding Boxes	Rs. 4.00 Lakh/ Boat Rs. 25,000/ Boat
1.4	Rebate (Sales Tax) on HSD for Fishers	Rs. 3/ Litre Ceiling
1.5	Establishment & Operation of Vessel Monitoring System (VMS)	Actual Cost; Project implemented by DADF
1.6	Non-conventional Energy for Fishing	Rs.25,000 / Fishing Vessel
1.7 Promotion of Mariculture in the form of:		
1.7.1	Open Sea Cage Culture (Circular: 6m diameter and 4m depth; Rectangular: 6 x 4 x 4 m or 96 cu m volume)	Rs. 5.00 Lakh/ Cage
1.7.2	Seaweed Cultivation (Bamboo Raft Size: 3 x 3 m)	Rs. 1,000/ Raft
1.7.3	Bivalve Culture (Bamboo Rack Size: 5 x 5 m)	Rs.15,000/ Rack
1.7.4	Pearl Culture (Marine & Freshwater)	Rs. 25.00 Lakh/ Project
1.8	Management of Marine Fisheries (Project)	Rs. 5.00 Lakh Ceiling
1.9	Assistance for Deep Sea Fishing Vessel (Size 18-24 m OAL) for Traditional Fishermen and their Societies in Coastal States/ UTs	Actual Cost, with a ceiling of Rs. 80 lakh; 50% subsidy, subject to a maximum of Rs. 40 lakh per fishing vessel
2. Development of Infrastructure and Post-Harvest Operations		
2.1	Establishment of Fishing Harbours & Fish Landing Centres	Actual Approved Project Cost
2.2	Dredging of Fishing Harbours & Fish Landing Centres	Actual Approved Project Cost
3. Strengthening of Post-Harvest Infrastructure		
3.1	Development of (i) Ice Plant, (ii) Cold Storage, (iii) Ice Plant-cum-Cold Storage	Rs. 2.50 lakh/tonne, with a ceiling of Rs. 100 lakh per Plant
3.2	Renovation/Modernization of (i) Ice Plant, (ii) Cold Storage, (iii) Ice Plant-cum-Cold Storage	Rs. 1.50 lakh/tonne, with a ceiling of Rs. 60 lakh per Plant
3.3	Development of Retail Fish Markets & Allied Infrastructure : (a) 10 Retail Outlets (b) 20 Retail Outlets (c) 50 Retail Outlets	As per actual, with a Ceiling of: (a) Rs. 100 Lakh (b) Rs. 200 Lakh (c) Rs. 500 Lakh
3.4	Setting up of Mobile/Retail Fish Outlet (Kiosk)	As per actual, with a Ceiling of Rs. 10 Lakh/ Unit

Sch. No.	Activities / Schemes and Components	Unit Cost (Actual Cost or Up To)
3.5 Assistance for Fish Transport Infrastructure (As per actual with a Ceiling)		
3.5.1	Refrigerated Truck/ Container of 10 tonne capacity	Rs. 25.00 Lakh/ Truck
3.5.2	Insulated Truck of minimum 10 tonne capacity	Rs. 20.00 Lakh/ Truck
3.5.3	Insulated Truck of minimum 6 tonne capacity	Rs. 15.00 Lakh/ Truck
3.5.4	Auto-rickshaw with Ice Box (Unit)	Rs. 2.00 Lakh/ Unit
3.5.5	Motorcycle with Ice Box (Unit)	Rs. 60,000/ Unit
3.5.6	Bicycle with Ice Box (Unit)	Rs. 3,000/ Unit
4. Innovative Activities (As per actual with a Ceiling)		
4.1	Innovative Activities (Fisheries Projects: induction of new technology, diversification of species, etc)	Rs. 100 lakh per project
4.2	Conversion of Bottom Trawlers into Deep Sea Tuna Long Liners	Actual Cost, subject to a ceiling of Rs.15 lakh; 100% subsidy, subject to a maximum of Rs. 15.0 lakh per bottom trawler
II. National Scheme for the Welfare of Fishermen		
1.	Saving-cum-Relief (Inland & Marine Fishers)	Rs. 3,000/- per Fisher/ Year
2.	Housing for Fishers	Rs. 1.20 Lakh for Plains and Rs. 1.30 Lakh for NE & Hilly States
3.	Basic Amenities for Fishers:	
3.1	Drinking water facility (Tube-Well)	Rs. 0.50 Lakh for Plains and Rs. 0.60 Lakh for NE & Hilly States
3.2	Construction of Community Hall, Sanitation, Electrification	Rs. 4.00 Lakh / Unit
4.	Group Accident Insurance for Active Fishermen (Premium subject to change on a year to year basis)	Rs. 20.34 per Fisher/ Year
5.	Grant-in-Aid to FISHCOPFED	Rs. 50.00 Lakh/ Year
III. Development of Inland Fisheries and Aquaculture		
1. Development of Freshwater/ Brackishwater Aquaculture		
1.1	Construction of New Ponds/Tanks	Rs. 7.00 Lakh/ ha
1.2	Renovation of Existing Ponds/Tanks	Rs. 3.50 Lakh/ ha
1.3	Renovation of MNERGA Ponds and Tanks	Rs. 3.50 Lakh/ ha
1.4	Rejuvenation of Urban/ Semi- Urban/ Rural Lakes/ Tanks for Fish Culture	Rs. 3.50 Lakh/ ha
1.5. Input Cost for Freshwater Fish Culture and Brackishwater Fish/ Shrimp Culture*		
1.5.1	(a) Freshwater Fish Culture	Rs. 1.50 Lakh/ ha
	(b) Freshwater Prawn/ Trout Culture	Rs. 2.50 Lakh/ ha

*Input Cost one-time grant

Sch. No.	Activities / Schemes and Components	Unit Cost (Actual Cost or Up To)
1.5.2	(a) Brackishwater Finfish Culture	Rs. 2.00 Lakh/ ha
	(b) Culture of Shrimp – <i>L. vannamei</i> / <i>P. monodon</i>	Rs. 3.00 Lakh/ ha
1.6	Establishment of Fish Seed Hatcheries for Indian Major Carps and Other Cultivable Finfish – Capacity 10 million Fry/ year	Rs. 25.00 Lakh/ Unit
1.7	Establishment of Freshwater/ Brackishwater Prawn Hatcheries – Capacity 5 million Post-larvae/year	Rs. 50.00 Lakh/ Unit
1.8	Solar Power Support System for Aquaculture	Rs. 15.00 Lakh/ Unit
2. Cold Water Fisheries and Aquaculture		
2.1	Construction of Permanent Farming Units and Raceways – Minimum Volume of 50 m ³	Rs. 2.00 Lakh/Unit
2.2	Running-Cold-Water Fish Culture in Earthen Units – Minimum Volume of 100 m ³	Rs. 1.00 Lakh/ Unit
3. Development of Waterlogged Areas		
3.1	Development of Waterlogged Areas	Rs. 5.00 Lakh/ ha
3.2	Input Cost*: (a) Finfish Culture	Rs. 1.50 Lakh/ ha
	(b) Freshwater Prawn/ Trout Culture	Rs. 2.50 Lakh/ ha
4. Productive Utilization of Inland Saline/Alkaline Waters for Aquaculture		
4.1	Construction of New Ponds / Tanks	7.00 Lakh/ ha
4.2	Input Cost*: (a) Finfish Culture	1.50 Lakh/ ha
	(b) Freshwater Prawn/ Trout Culture	2.50 Lakh/ ha
5. Inland Capture Fisheries (Village Ponds, Tanks, etc.)		
5.1	Fish Seed Rearing Units	Rs. 6.00 Lakh/ ha
5.2	Input Cost*: (a) Finfish Culture	Rs. 1.50 Lakh/ ha
	(b) Freshwater Prawn/ Trout Culture	Rs. 2.50 Lakh/ ha
5.3	Craft & Gear (Unit: Boat of appropriate size including Fishing Nets, Fish & Ice Holding Boxes)	Rs. 1.00 Lakh/ Unit
5.4	Construction of Fish Landing Centres (Landing & Berthing Platform, Auction Platform/ Hall, Net Mending Shed, etc)	Rs. 4.00 Lakh/ Landing Centre
5.5	Riverine Fisheries Conservation and Awareness Programme	Rs. 4.00 Lakh/ Year

*Input Cost one-time grant

Sch. No.	Activities/ Schemes and Components	Unit Cost (Actual Cost or Up To)
6. Integrated Development of Reservoirs		
6.1	Integrated Development of Reservoirs	Rs. 2 Crore/ Project
7. Establishing Fish Feed Mills / Plants		
7.1	Small Feed Mill (Capacity of 1-5 quintals/ day)	Rs. 10.00 Lakh/ Unit
7.2	Large Formulated Pellet Feed Plant of a minimum capacity of 10 tonne/ day and more)	As per actual, with a ceiling of Rs. 2 Crore/ Unit
8. Installation of Cages / Pens in Reservoirs and other Open Water Bodies		
8.1	Cages/ Pens with Inputs, in Reservoirs and other Open Water Bodies	Rs. 3.00 Lakh/ Cage
9. Re-circulatory Aquaculture Systems (RAS)		
9.1	Low-cost Re-circulatory Aquaculture Systems (RAS): 5 x 5 x 4 m cement tanks (100 m ³ each), minimum production capacity of 2 tonnes fish per tank	Rs. 15.00 Lakh/ Unit
9.2	Medium-size Re-circulatory Aquaculture System (RAS): minimum 8 cement tanks, 7.65 x 7.65 x 1.5 m (90 m ³ each), minimum production capacity of 5 tonnes fish per tank	Rs. 50.00 Lakh/ Unit of 8 Tanks
10. Stocking of Fish Fingerlings in Beels / Wetland		
10.1	Stocking of Indian Major Carps Fingerlings in Wetlands @ 2000 nos. per hectare	Rs.2.50 / Fingerling
11. Creation of Portal for Advisory Services to Farmers on mobile and Internet		
11.1	Creation of Portal for Extending Advisory Services to Fish Farmers through e-application [by Central Government Institutions/ Agencies/ Corporations such as NIC, NICS, Central Public Sector Undertakings (CPSUs), etc.]	As per Actual Cost
12. Training, Skill Development and Capacity Building to Fish Farmers and other Stakeholders in all Fisheries Related Activities both Marine and Inland Fisheries (100% of Actual Cost with a Ceiling)		
12.1	Dearness Allowance (DA)	Rs. 500/- per Trainee/day
12.2	Travelling Allowance (TA)	Actual To & Fro Fare, restricting to 2 nd Class Railway Fare
12.3	Accommodation	Actual, with a ceiling of Rs. 600/- per Trainee/day
12.4	Distribution of Training Material (Rs. 200/-per Trainee per Training Programme)	Actual, with a ceiling of Rs. 10,000/- per Training Programme for a batch of minimum 50 trainees
12.5	Food, tea, snacks/ refreshments to Participants/ Trainees (Rs. 300/- per Trainee per day)	Actual, with a ceiling of Rs. 15,000/- per day for a batch of minimum 50 Trainees
12.6	Demonstration/Local Field Visit (Rs. 200/- per Trainee per Training Programme)	Actual, with a ceiling of Rs. 10,000/- per Training Programme for a batch of minimum 50 Trainees
12.7	Stationeries and other unforeseen items (Rs. 100/- per Trainee per Training Programme)	Actual, with a ceiling of Rs. 5,000/- per Training Programme for a batch of minimum 50 Trainees

Sch. No.	Activities/ Schemes and Components	Unit Cost (Actual Cost or Up To)
IV. National Fisheries Development Board and its Activities		
1. Fish Seed Production Including Development of Brood Bank (National and Regional)		
1.1	Hatcheries	Setting up fish hatcheries are covered in Inland Component. NFDB, with the approval of DADF, shall add any additional hatcheries required keeping in view the needs of the sector and broad funding patterns.
1.2	Establishment of Freshwater/ Brackishwater Fish/ Shrimp/ Trout Brood Banks (5 ha area)	As per actual cost, with a Ceiling of Rs.500.00 Lakh per Brood Bank
2	Fish Feed including establishment of Feed Mills	This is covered in Inland Component. NFDB, with the approval of DADF shall add any additional items required keeping in view the needs of the sector and broad funding patterns
3	Development of Post-Harvest, Value Addition Infrastructure and Marketing	This is covered in Marine Component. NFDB, with the approval of DADF shall add any additional items required keeping in view the needs of the sector and broad funding Patterns
4. Cold Chain Development		
4.1	Certain items of the Cold Chain for fisheries such as Ice Plants, Cold Storages, Fish Marketing facilities have been covered under the Marine Component. NFDB, with the approval of DADF, shall add any additional items required keeping in view the needs of the sector and broad funding patterns	
4.2	Integrated Cold Chain Development covering the activities from fry to frying pan such as: Pre-Processing, Processing, Transportation (Insulated & Refrigerated Vehicles), Retail Outlets, Mobile Fish Markets, Kiosks, etc.	As per actual cost, with a Ceiling of Rs. 500 Lakh per Project
5	Development of Inland Fisheries	This is covered in Inland Component. NFDB, with the approval of DADF, shall add any additional items required keeping in view the needs of the sector and broad funding patterns
6	Promotion of Small-Scale Fisheries	This is covered in Marine Component. NFDB, with the approval of DADF, shall add any additional items required keeping in view the needs of the sector and broad funding patterns
7	Provision of Alternative Livelihood	This is covered in Marine Component. NFDB, with the approval of DADF shall add any additional items required keeping in view the needs of the sector and broad funding patterns
8	Skill Up-Gradation of Stakeholders in the Fisheries Sector	This is covered in Inland Component. NFDB, with the approval of DADF, shall add any additional items required keeping in view the needs of the sector and broad funding patterns



National Fisheries Development Board

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